

**CURRICULUM VITAE
OF
S. M. Ahmed**



NAME: *Saber Mahmoud Ahmed Sayed*

NATIONALITY: Egyptian

DATE AND PLACE OF BIRTH: July, 1, 1963, Egypt

MARITAL STATUS: Married

OCCUPATION: Head of researche

Mailing address: Soils, Water and Environment Research
Institute,(SWERI),ARC, Microbiology
Department,9 El-Gmaa st., Giza, Egypt.

Tel.: Office: (02) 35720608 **Home:** (02)37205733

Mobile: 01227149684 01021020067

e-mail : Saberm1963@gmail.com

sabermahmoud1963@yahoo.com

Scientific Degrees :

1. Ph.D. (Agric Biochemistry) Fac. of Agric, Cairo Univ., (1999). Title of Ph.D. "Biochemical studies on wastewater".
2. M.Sc.(Soil Science) Fac. of Agric, Benha Univ., (1993) . Title of M.Sc. "Organic manures generated from different biogas systems in relation to biological properties and nutritional status of soils "
3. B.Sc. (Soil Science) Fac. of Agric, Cairo Univ, (1985).

Membership of Societies :

1. Society of applied Microbiology, Egypt.
2. Egyptian Association for Environment Research and Services.

Present Occupation :

Present Occupation :

Deputy Director Of Soils ,Water & Environment Res. Institute,
ARC

Past Experience :

1. Professor doctor of research of Agricultural Microbiology Research Department. SWERI, ARC, Ministry of Agriculture (MOA), 2010- Now.
2. Senior of Research of Agricultural Microbiology Research Department. SWERI, ARC, Ministry of Agriculture (MOA), 2004 - 2010 .
3. Researcher of Agricultural Microbiology Research Department. SWERI , ARC , Ministry of Agriculture (MOA), 1999 -2004 .
4. Associate Researcher of Agricultural Microbiology Research Department. SWERI, ARC, Ministry of Agriculture (MOA), 1994- 1999 .
5. Agricultural Engineer of Agricultural Microbiology Research Department. Soils, Water & Environment Research Institute (SWERI), Agricultural Research Center (ARC), Ministry of Agriculture (MOA), 1985 -1994.

Training courses attended :

1. Training courses on,“ Agricultural Microbiology “ from 1986 to 2004. Held at soils, Water and Environment Research Institute, Cairo, Egypt.
2. Training course on “Solid Waste Management Through and Sanitary landfill” Sponsored by WHO and Beatification Authorities. Cairo, Gov, March, 29-april,9,1987.
3. Training course in Development prospects of the area of agricultural land, Held at soils, Water and Environment Research Institute, Cairo, Egypt. 1994.
4. Training course in the field of environment, agricultural land, and agricultural waste management. Held at soils, Water and Environment Research Institute, Cairo, Egypt. 1994.
5. Training course on the planning Application and Management of Integrated Energy Systems. Shenyang, China, august 20- septemper 8 1997.
6. International course on Anaerobic Treatment of Sewage and Agric Use of treated Effluents. Organized by Wagenging Agric University, National Research Center (NRC) and IHE, Delft. January 30 – February 18, 1999. Held at NRC Cairo, Egypt.
7. Training course on the Particle Technology Planning and Management of Integrated Energy Systems. Shenyang, P.R. China, August 28- September 16, 1999.

8. Innovative Decentralized Energy and water Management Policies can Encourage the creation of the Market Economy and Help Rural Development .Organized by NREA , Cairo, Egypt. 2001.
9. National Training course in the field of Agricultural Expert Systems at the Arab Organization for Agricultural Development , Egypt, Cairo, 11/9 – 15/9/2011 .

Scientific Visits Outside Egypt :

1. China (August 20-September 8 1997).
Participant Training course held on "The planning Application and Management of Integrated Energy Systems" Shenyang, China.
2. China (August 28- September 16, 1999).
Participant Training course held on "The Particle Technology Planning and Management of Integrated Energy Systems " Shenyang, China.
3. Italy (1 November to 31 December,2010)
Visiting the Mediterranean agronomic institute of Bari (IAMB),Italy, International research staff Exchange Scheme (IRSES),Healthy Food for life Project (2009-2013).
4. Tunisia to participate in a training course as Lecturer and trainer on recycling of agricultural waste which was organized by the Arab Organization during the month of October 2013 .

Reports :

1. Prepare a technical report for the Al-Arabia Factory for organic fertilizer in terms of organic production and marketing problems and submit it to Ministry of Agriculture and Director of the Soils, Water and Environment Research Institute, on 4/10/2006.
2. Areport on Aboghalb Canal , Assiut governorate, in terms of the extent of contamination and its suitability for irrigation or not according to the Egyptian code No. 501-2005 the appropriate re-USE of treated sewage water in agriculture at the request of the Minister Agriculture , 2007 .

3. Prepare a report on the Al-Salam Canal in northern Sinai, where the extent of contamination and its suitability for irrigation or not to submit it to the Director of the Soils, Water and Environment Research Institute, on 2008.
4. Prepare a report on the Al-Salam Canal in northern Sinai, where the extent of contamination and its suitability for irrigation or not to submit it to the Director of the Soils, Water and Environment Research Institute, on 2009.
5. Areport on the Atfih canal , Giza Governorate in terms of the extent of contamination and its suitability for irrigation according to the Egyptian code No. 501-2005 the appropriate re- use of treated sewage water in agriculture at the request of the Minister Agriculture ,2010 .
6. Progress a report on the Al-Salam Canal in northern Sinai, where the extent of contamination and its suitability for irrigation or not to submit it to the Director of the Soils, Water and Environment Research Institute, 2011.
7. Progress a report for the pollution from the discharge of waste plant production of the T N T and nitrocellulose manufacturer of 18 Military and the impact on ground water pollution and the surrounding farmland and develop solutions to avoid these effects 2009 .
8. prepare a report for Lake Edco to track the pollution and the impact on the environment, agricultural development and ways to reduce the pollution caused by drainage of sewage and industrial wastewater,2009.

Participation in Conferences and Symposia :

1. First conference on "Fertilizer Availability and Needs" Organized by (SWERI) Cairo Egypt, April 13-16, 1987.
2. The eighth conference of Microbiology organized by Egyptian Society of Applied microbiology Cairo, Egypt, march, 1993.
3. International conference on "Technological Techniques for Handling agriculture Products" organized by Agric. Eng. Dept., Fac. of Agric., Cairo Univ. April, 5-10,1993. Cairo, Egypt.
4. The ninth conference of Microbiology organized by Egyptian society of applied microbiology in co-operation with Egyptian Academy of Scientific Research and Technology Cairo, Egypt, march, 25-27,1997.
5. The tenth conference of Microbiology organized by Egyptian society of applied microbiology, Cairo, Egypt, November 12-14, 2000.
6. International symposium on optimum Resources utilization in salt-affected ecosystems in arid and semi-arid regions. organized by Desert Research Center, Cairo, Egypt,8-11 April, 2002.
7. First International Conference of organic Agriculture. Organized by Central Lab. Of Organic Agriculture, Cairo , Egypt,2003.

8. The eleventh conference of Microbiology organized by Egyptian society of applied microbiology, Cairo, Egypt, October 13-14, 2003.
9. Second International Conference of organic Agriculture. Organized by Central Lab. Of Organic Agriculture, Cairo, Egypt, 2004.
10. The Twelfth conference of Microbiology organized by Egyptian society of applied microbiology, Cairo, Egypt, 2007.
11. The Thirteenth conference of Microbiology organized by Egyptian society of applied microbiology, Cairo, Egypt, October 2009.
12. Seventh International Conference of organic Agriculture. Organized by Central Lab. Of Organic Agriculture, Cairo, Egypt, 2009.

Research Projects :

1. "Use of Agricultural residues in the rural development" funded by the European UEFA during the period from 1996 to 1999.
2. "Bioconversion of Agricultural residues into Compost" Funded by the Research support fund- Agricultural Research Center (ARC) during period of 2010 – 2012 .
3. "Use of sewage water in the cultivation of Jatropha trees for the production of biofuels (Biodiesel) Co-financed between the Arab Republic of Egypt and Republic of China (PRC) 2010-2011 .
4. "Monitoring and evaluation of agricultural drainage water in the Nile valley and Delta , Funded by the Research support fund- Agricultural Research Center (ARC) 2011.

Preparation of books and references :

1. Participant in the Preparation of Egyptian Code No. 501 – 2005 the appropriate re- use of treated wastewater in agriculture.

Guiding and training activity :

1. Participation in national campaigns for the recycling of agricultural wastes and production of organic fertilizers (compost), at Qalyoubia, Gharbia, Sharqia, Dakhliya and Fayoum governorates. Through MOA , Egypt during 1998- 2003.

2. Lecturer in the training course on the recycling of agricultural wastes , Kharga- New Valley governorate, Egypt , 5/5 -9/5/2001.
3. Lecturer and trainer in the training program "Analysis of soil, water and plants," SWERI, ARC Egypt - Cairo during the period from 14/05/2005 to 23/05/2005.
4. Lecturer in the program of Organic Agriculture at Ismailia governorate, Egypt during the period from 21/5/2005 to 25/5/2005 .
5. Lecturer in the training program for faculty members of agricultural chemistry at the Ministry of Education during the period from 26/3/2006 to 30/3/2006.
6. Lecturer in the training program for faculty members of agricultural chemistry at the Ministry of Education during the period from 26/11/2006 to 30/11/2006 .
7. Lecturer and trainer in the training program for organic agriculture at Fayoum governorate - Egypt on 12/8/2007 .
8. Lecturer in training course on the importance of using organic fertilizers and the preparation processing of stacks of fertilizer , agricultural waste sludge fertilizer components and develop its use of Agriculture at Ismailia governorate - Egypt during 5/11/2007 - 11/14/2007 .
9. Lecturer and trainer in the training program for organic agriculture at Fayoum governorate - Egypt on 12/8/2007.
10. Lecturer and trainer in the training program on recycling of agricultural waste for guidance engineers wadi Elnokra - Aswan governorate - Egypt. 29/06/2008 - 05/07/2008 .
11. Lecturer in the training course on the use of treated wastewater in agriculture - College of Agriculture - Cairo University during the period from 23/8/2008 to 8/26/2008 .
12. accompany many of the foreign delegations(Afro – Asian and Latin Countries) trained by the Egyptian International Center for Agriculture to visit the factory of Al- Arbia for organic Fertilizer (Compost), khtarh, Sharkia governorate - Egypt for training on how to recycle agricultural wastes and the production of organic fertilizers through the years 2008.2009, 2010 .
13. Give a lecture on recycling of agricultural waste and produce compost for the large-scale farmers in the Agricultural Cooperative Union Dokki - Giza – Egypt . March, 2009 .
14. Give a lecture on the possibility to benefit from agricultural waste and produce compost for the architects of the National Project of the Potato , Gharbia Governorate - Egypt July ,2009.
15. Lecturer and trainer in the training course in the field of agricultural microbiology and use of it in agricultural development , SWERI ARC , MOA , Egypt .3/6/2011 - 10/3/2011.
16. - Lecturer and trainer in the training program on water analysis by Dr. / Huwaida Elsyed Mahmoud researcher at the Institute of Animal Research held at SWERI, ARC, MOA, Cairo ,Egypt. 24/6/2011 - 6/28/2011 .

17. Lecturer and trainer in the training program to Mr. Eng. / Yahya bin Salim Jirdani (Oman) , held at SWERI , ARC , MOA, - Cairo, Egypt during the period of 2 – 6 October 2011.

List of publications :

- 1- Dora,M.D., N.N.EL-Hefnawy, S.M. Ahmed, Kh.M.Ghanem and Ghada S. El-Sharkawy (2010) " Compost production from some agricultural wastes".J.Agric. chem.. and Biotech.,Mansoura univ. vol.(12) : 639-650.
- 2- Faten S. Mansour and Ahmed, S. M . (2010)." Biological control of apricot seeding decline cillus firmus and Streptomyces albaduncus " Minia Conf. Agric. Environ. Sci. Agriculture and Development Scopes, March 22-24,2010.
- 3- Faten S. Mansour and Ahmed, S. M . (2010)." Effect of compost Tea on control grey mould Fungus (Botrytis Cinerea) .Minia Conf. Agric. Environ. Sci. Agriculture and Development Scopes, March 22-24,2010.
- 4- Faten S. Mansour, S., EL-Shimy, H.S. and Ahmed, S. M . (2009)."Effect of compost Tea on Downy mildew and powdery mildew on Grape vines" J. Biol. Chem. Environ., vol. 4(2):21-38
- 5- Al-Kahal, A.A.; S.M. Ahmed ;S.R. Metwally and W.D.Saleh(2009). Compost extract combined with yeast inoculation are necessary to improve barely development and yield. Egypt. J. Appl.Sci.:24(5A)pp417-427
- 6- Al-Kahal, A.A.; Rahal, A.G. and Ahmed, S.M. (2009). "Effect of sulphur,copper oxychloride application and seed inoculation with Rhizobium Leguminosarum, on nodulation, growth of Faba bean and soil microorganisms. Res.J. So. En,17(17) pp 77-92
- 7- EL-Sayed,G.A.M.; S.M. Ahmed and O.A.O. Mazen(2009). "Microbial population and enzyme activity in sandy soil influenced with nitrogen sources, rates and moisture levels. Egypt. J. Appl.Sci.:24(6A) pp 382-392.
- 8- Ahmed, S. M.; G. A. M. El-sayed; and R.M.Abdrabu (2009). Quality of secondary wastewater treatment at Zenien waste water tratement plant . J. Agric. Sci. Mansoura Univ., 34(5): 6081-6092.

- 9- Al-Kahal, A.A.; S.M. Ahmed ; W.D.Saleh and G. A. M. El-sayed (2009). Productivity of Clover as affected by application of compost tea.Egypt. J. Appl.Sci.:24(5B)pp807-817.
- 10-Ahmed, S. M.; G. A. M. El-sayed; F.M. Ghazal and Sh.M.Abd El-Rasoul (2008). Effect of cyanobacteria, and phosphate disolving bacteria inoculation on improving peanut productivity in presence or absence of different rates of rock phosphate fertilizer under sandy soil condition. J. Agric. Sci. Mansoura Univ., 33(11): 8125-8135.
- 11-Al-Kahal, A.A.; S.M. Ahmed and M.M. Fahmy (2008). Response of Barley growth, yield and microbial populations in the Rhizosphere to soil application of yeast and foliar spray of citric and ascorbic acids. J. Agric. Sci. Mansoura Univ., 33(11): 7783-7791.
- 12-Ahmed, S. M.; El-Sayed, G. A. M.; Ghazal, F. M. and Abd El-Rasoul, Sh. M.(2007). "Integrated effect of N-forms in mineral and organic with or without cyanobacteria inoculation on improving Peanut productivity" J. Agric. Sci. Mansoura Univ., 32(12): 1101-1113.
- 13-El-Mohandes,M.A.;J.B.Hunter; S. M. Ahmed and G. A. M. El-Sayed (2007). "Isolation and testing the pythium bioantagonists for controlling environment culture of spinach" Egypt. J. Appl.Sci.:22(12B)pp422-437
- 14-El-Haggar, S. M., Ali, B. E. ,Ahmed, S. M. and Hamdy Mona, M.(2004) "Increasing nutrients solubility from some natural rocks during composting of organic wastes" Minia J.of Agric.Res.&Develop.vol.(24)no.1pp71-88
- 15-El-Haggar, S. M., Ahmed, S. M. and Hamdy Mona, M.(2004) "production of compost for organic enriched with natural rocks" Egypt. J. Appl.Sci.:19(7B)pp784-799.
- 16-Estefanous, A. N., Ahmed, S. M. and Morqos Mona ,M.,(2003)"A two-phases bioreactor for methane production from Okra processing wastes" The eleventh conference of Microbiology organized by Egyptian society of applied microbiology , Cairo, Egypt, October13-14.
- 17-Soliman,B. M., Ali Nadia ,A. A., and Ahmed ,S. M. (2003)"Response of balady orange trees productivity and some microbial activity to bio-fertilizer in reclaimed soil" The eleventh conference of Microbiology organized by Egyptian society of applied microbiology , Cairo, Egypt, October13-14,2003.

- 18-Abd El-Naim, M., Shahin, S.M., Boraas M.M., and Ahmed, S.M. (2002). "Secondary waste water for landscaping irrigation" Int. Symp. On Optimum resources Utilization in soil-Affected Ecosystems in Arid and Semi Arid Regions, Cairo 8-11 April.2002 606-615.
- 19-Al-Kahal, A. A., Mekhemar,G. A. A. and Ahmed, S. M. (2002) "Effect of Diazotrophs inoculation on performance of wheat plants amended with different levels of olive wastes" annals Agric.Sci., Ain Shams Univ. Cairo, 47(1), 123-138,2002.
- 20-Estefanous, A. N., Mostafa, M. H., Amer, A.A. and Ahmed, S.M.(2000). "Characterization of Biogas Manure Produced from Cattle Dung in Egypt". Egyptian Society of Applied Microbiology .10th Microbiology conference, 12-14 November.
- 21-El-Housseini, M. and Ahmed, S. M. (2000)."Heavy metals removal by aquatic plants". Egyptian Society of Applied Microbiology .10th Microbiology conference, 12-14 November.
- 22-El-Housseini, M.,Ehsan A.Hanafy, Abd-Elall,R.S. and Ahmed, S.M. (1994). "Enzyme Activity in Amended with Biogas Manures".J Agric. Sci.Mansoura Univ.19 (2):655-671.

Thesis supervisor:

Supervisor for the following M.Sc. Thesis:

- 1- " Compost production from agricultural wastes" Fac. of Agric. Al-Azhar University, 2011 by Ghada Said El-Sayed.**
- 2- "Analytical study for managing the solid wastes in the sewerage projects in the greater Cairo" Institute of Environmental studies and recherche, Ain Shams University,2009 by Ibrahim EL Sayed Abd EL Mohsen**
- 3- "Production of compost from agricultural and chitinic wastes for organic farming and biological application" Fac. of Agric. Cairo University,2009 by Bassant Hassan Mohamed**

Supervisor for the following Ph.D Thesis:

- 1- " Alcoholic fermentation of high sugar concentration" Fac. of Agric. Al-Menia University, 2008 by Heba M. Abd El Motaal.**
- 2- "Production of Biogas and Organic Manure from vegetables Wastes Using the Two phase Anaerobic Digestion system". Institute of Environmental studies and recherche, Ain-Shams University, 2006 by Amal Zaki Abdel-Aal**